



Abstract of DE 37 39 675 A1:

DE 37 39 675 A1 describes a transportable hydraulic punch with tool-centering rings in connection with exchangeable tool inserts in which the punching falls out downward. Such punch is used for punching switch boxes or doors of switch cabinets made of metal or plastic in electrical industry. In order to provide a mobile punch for punching bulky boxes, which cannot be punched by means of fixed punches, to allow an easy change of tools and to provide an easy removal of a punching a punch is proposed having a centring ring lathed at the punch for reducing the tolerances at a cutting edge of the tools and for centering the tools. The tools are provided with a fit and are open at their lower end, so that a punching, which bends up, falls down. The required power is provided by means of hydraulic pumps.